

# Monthly Summary Sheet for January 2004

## *Gilbert and Mosley Project – Wichita, Kansas*

### **Plumes ABE Treatment System and WATER Center Construction Activities**

CDM continued the few remaining Phase III construction activities in January 2004, and the groundwater treatment system continued to pump and treat large quantities of contaminated groundwater. The construction efforts performed during January included the installation of the water truck fill station components and several additional finishing efforts. The western side of the treatment building is shown to the right, and the environmental education building and the plaza area arc wall are shown below with the fountain areas drained for the winter. CDM and City of Wichita staff jointly operated the Plumes ABE groundwater treatment system through the first full week in January, and City of Wichita staff then began the full time operation and maintenance efforts on January 10, 2004. CDM continued to provide extremely limited assistance



with the operation and maintenance efforts through the end of January. Approximately 39 million gallons of contaminated groundwater were pumped and treated during January 2004 for a total treated volume of approximately 470 million gallons. The treated water is shown below as it enters the Arkansas River at the creek discharge.



#### **Additional anticipated First Quarter 2004 project activities:**

The few remaining construction efforts will be completed as material delivery schedules and weather conditions allow, and the groundwater treatment system will continue to pump and treat over 1.2 million gallons of groundwater a day.

### **Monitoring Activities**

CDM continued the preparation of the Fourth Quarter 2003 Site Monitoring Network Report and Annual Summary document to present the data from the water level measurements and analytical samples with the corresponding summarization and evaluation information. The City of Wichita continued the Plumes ABE treatment system performance monitoring with the collection of a treatment system effluent sample.

**Additional anticipated First Quarter 2004 project activities:** CDM will complete the preparation of the Fourth Quarter 2003 Site Monitoring Network Report and Annual Summary document for submittal to the City of Wichita in early February. The City of Wichita will continue to perform the Plumes ABE treatment system performance monitoring with the collection of treatment system effluent samples in February and March, and the City of Wichita will also perform the First Quarter 2004 Site Monitoring Network sampling event.

### **Source Area Activities**

The City of Wichita received comments from the Kansas Department of Health and Environment (KDHE) regarding the Harcros / Tri-State Central (HCC/TSC) source area site investigation and source control measures reports, and City of Wichita and CDM staff reviewed these comments.

**Additional anticipated First Quarter 2004 project activities:** The City of Wichita and CDM will respond to the KDHE comments regarding the HCC/TSC source area documents, and the City of Wichita will await KDHE comments regarding the submitted documents for the South Washington and English (SWE) source areas.